

Fig. 1

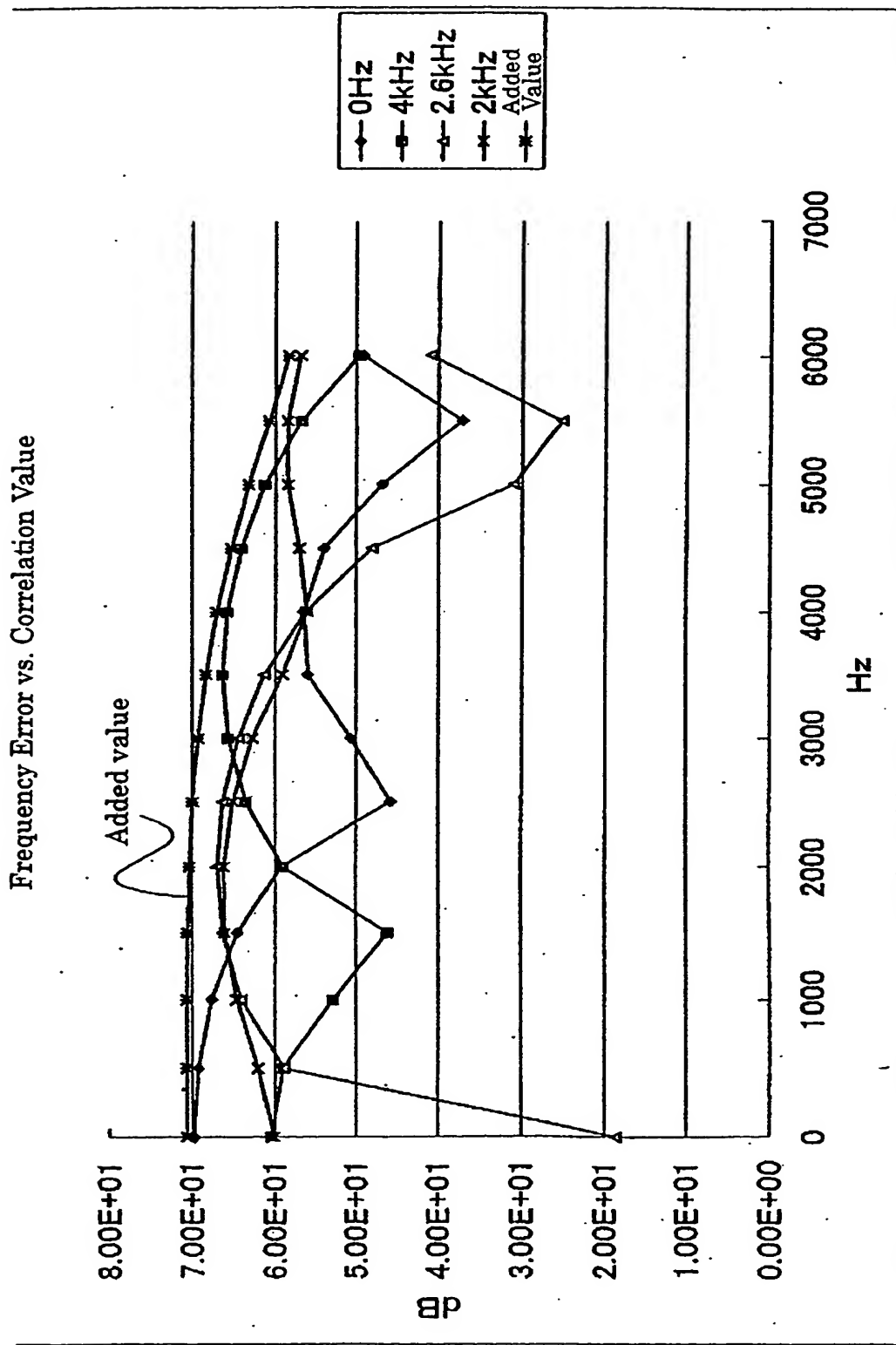


Fig. 2

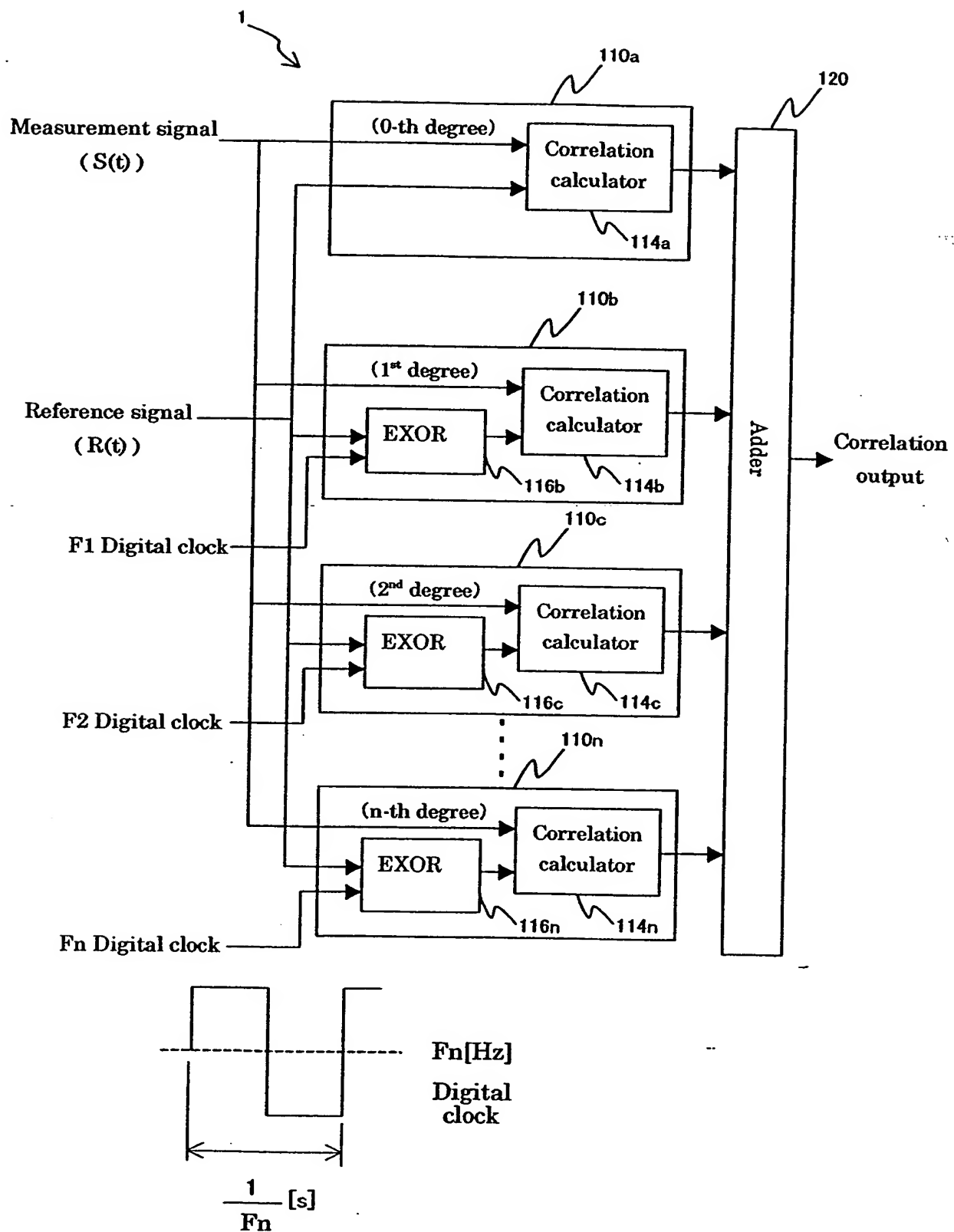


Fig. 3

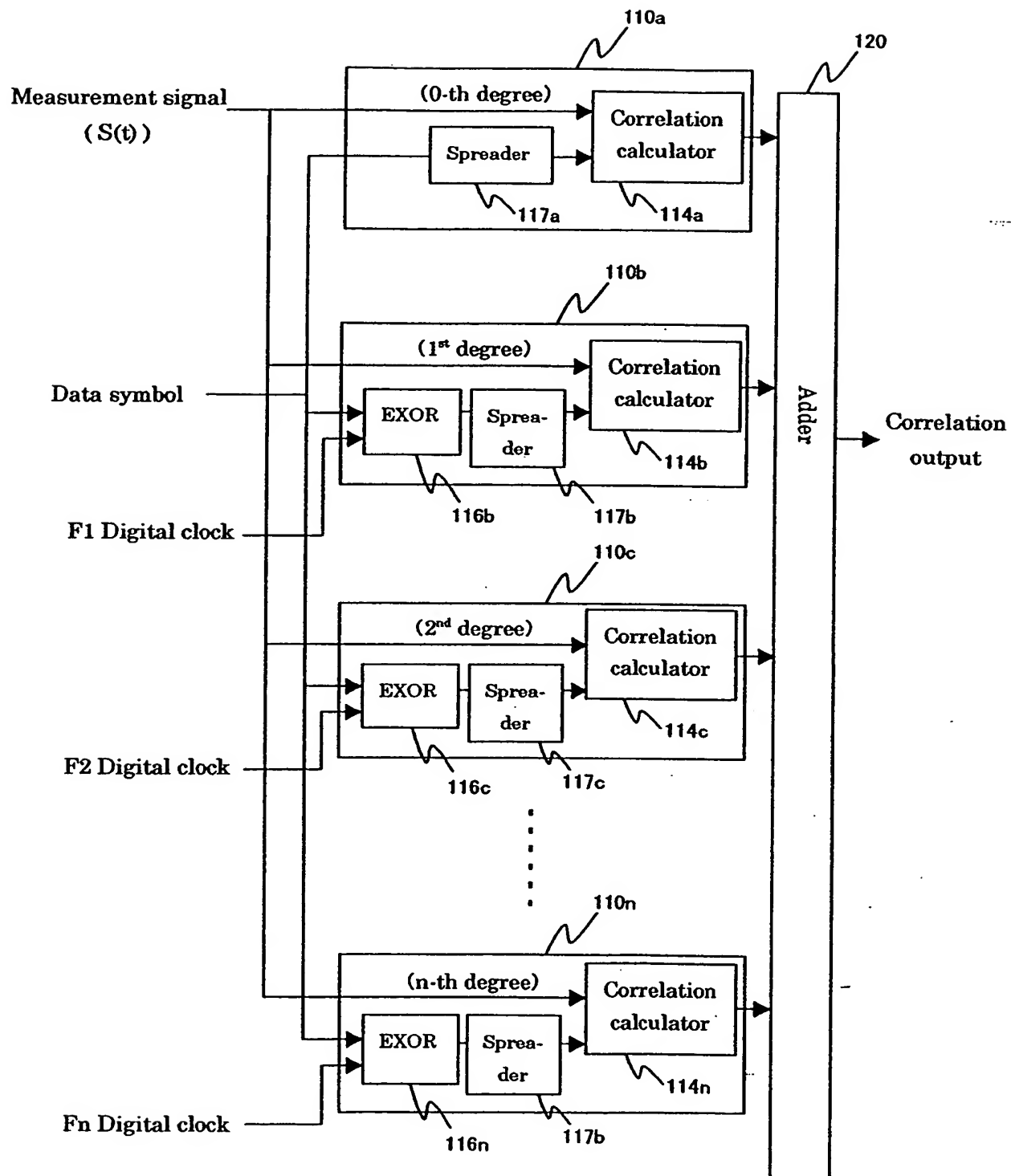


Fig. 4

Frequency Error vs. Correlation Value

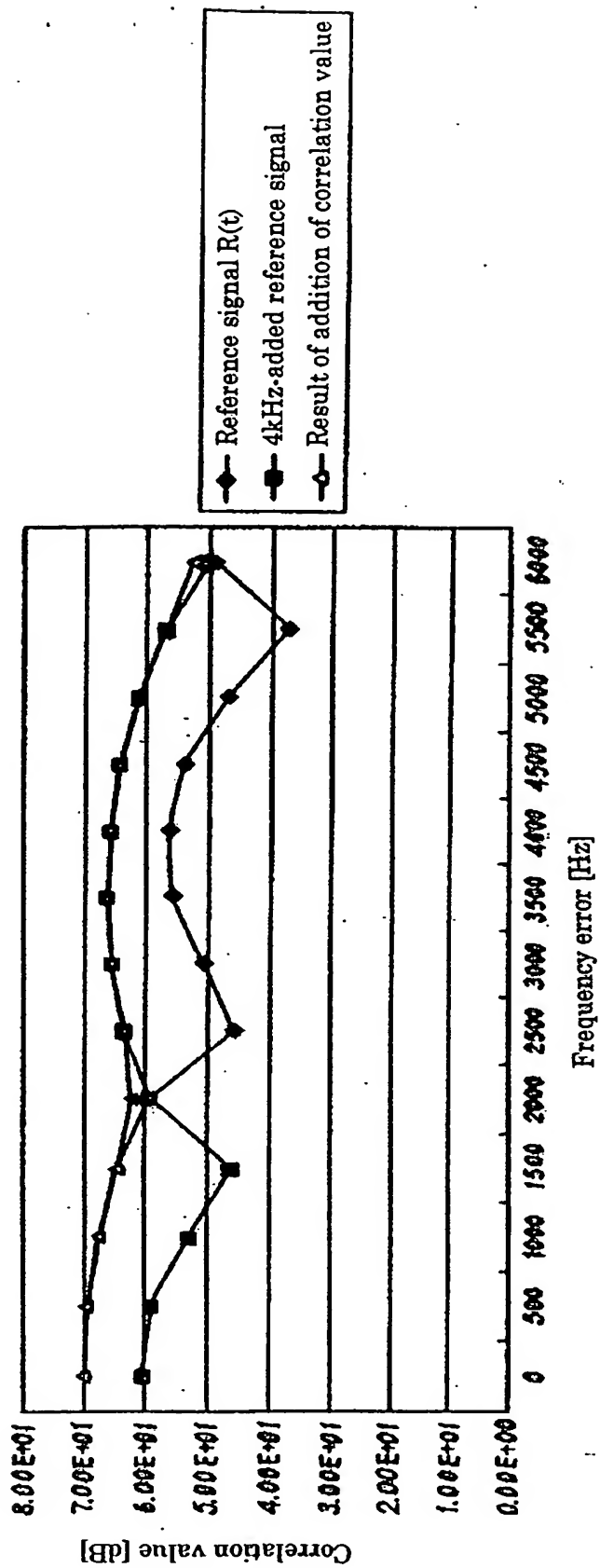


Fig. 5

Frequency Error vs. Noise/Correlation Value Ratio 1

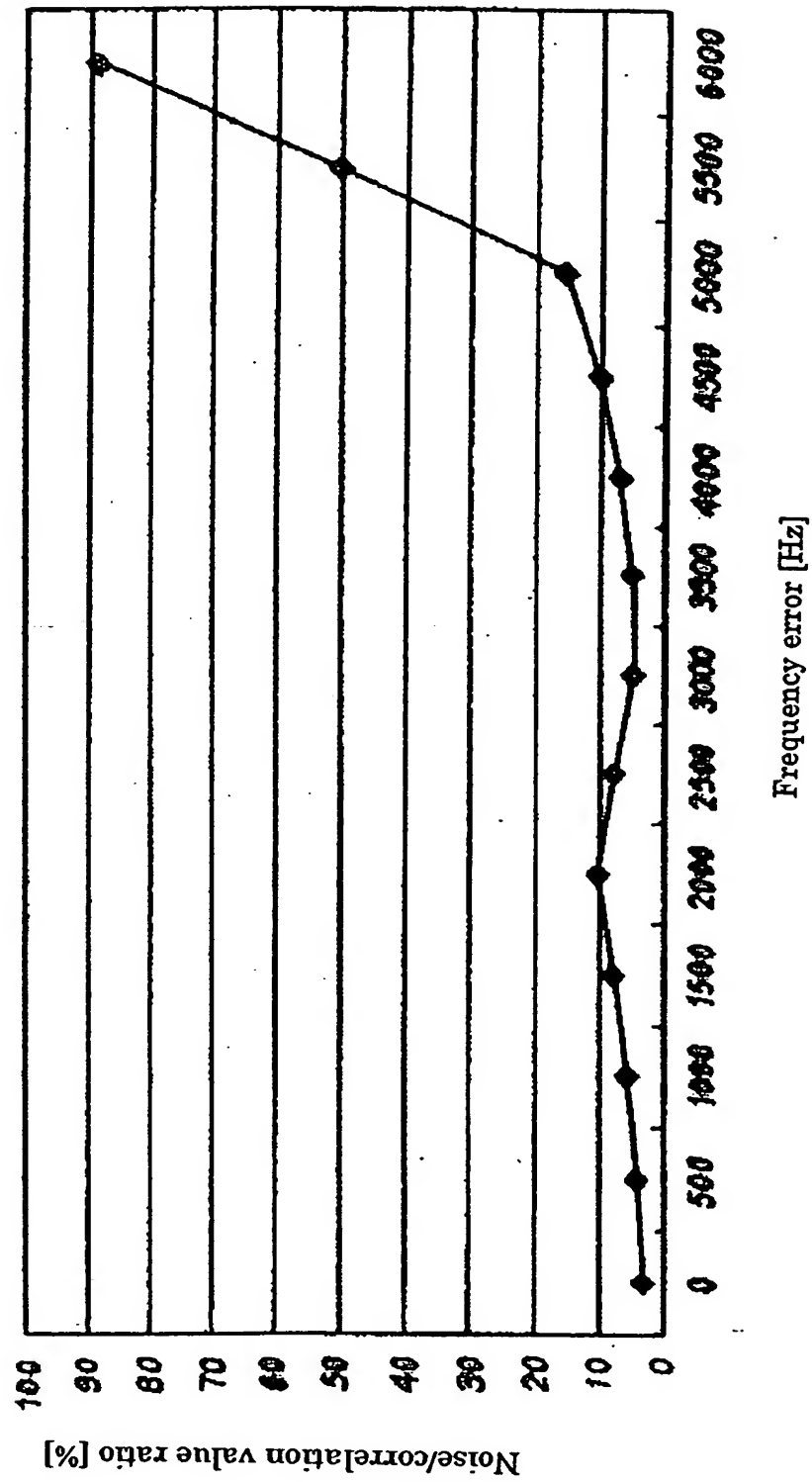


Fig. 6

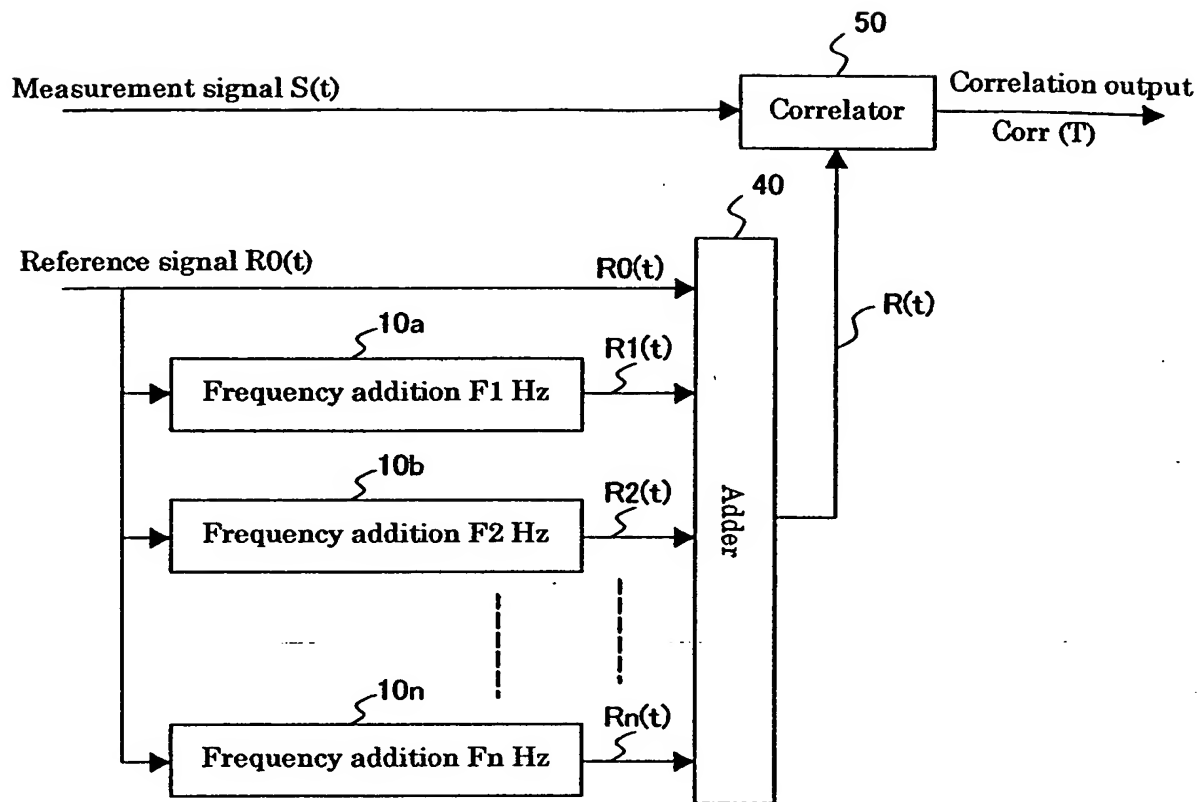
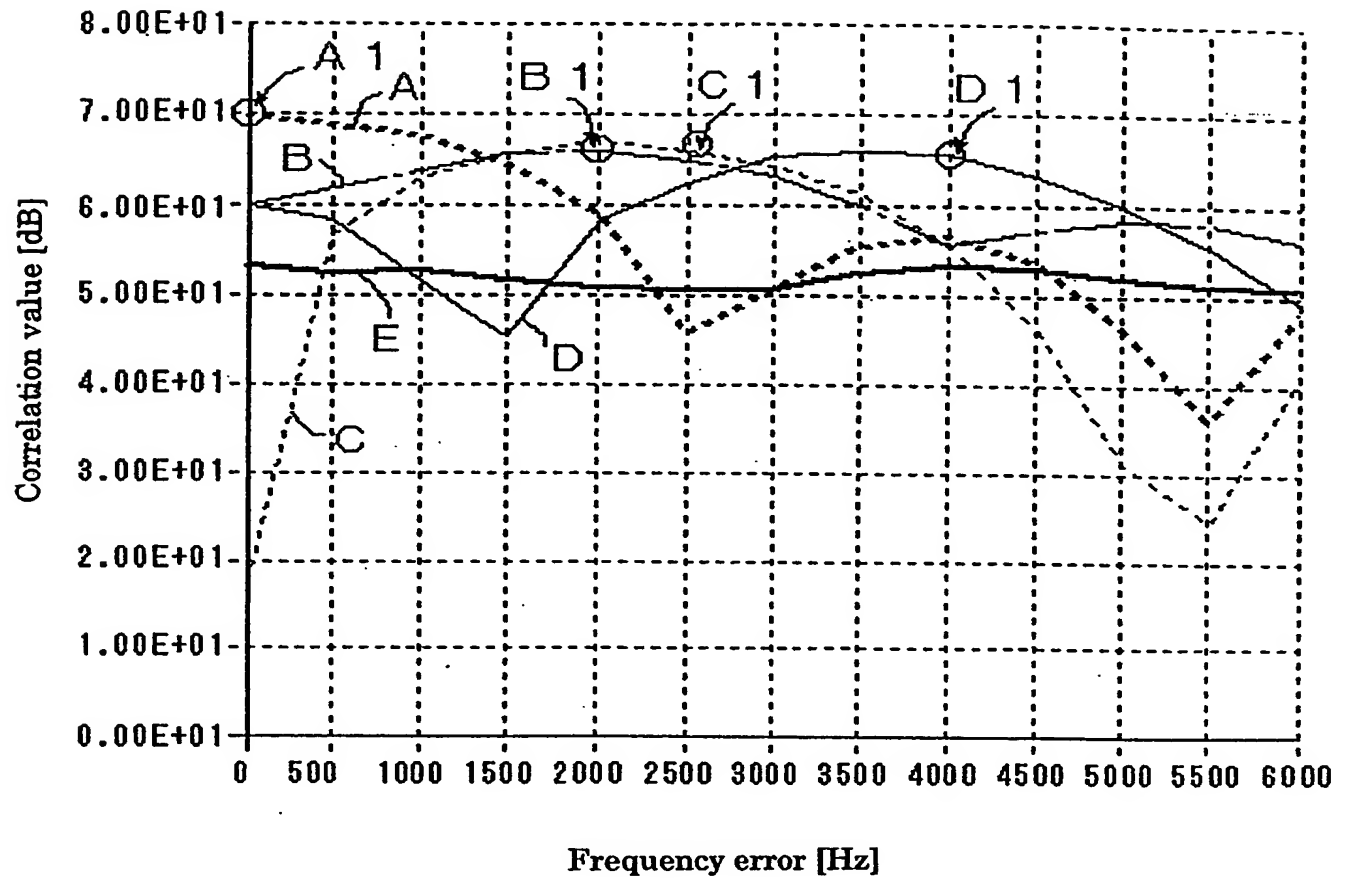


Fig. 7

Frequency Error vs. Correlation Value



A : 0Hz
B : 2kHz
C : 2.6kHz
D : 4kHz
E : Noise

Fig. 8

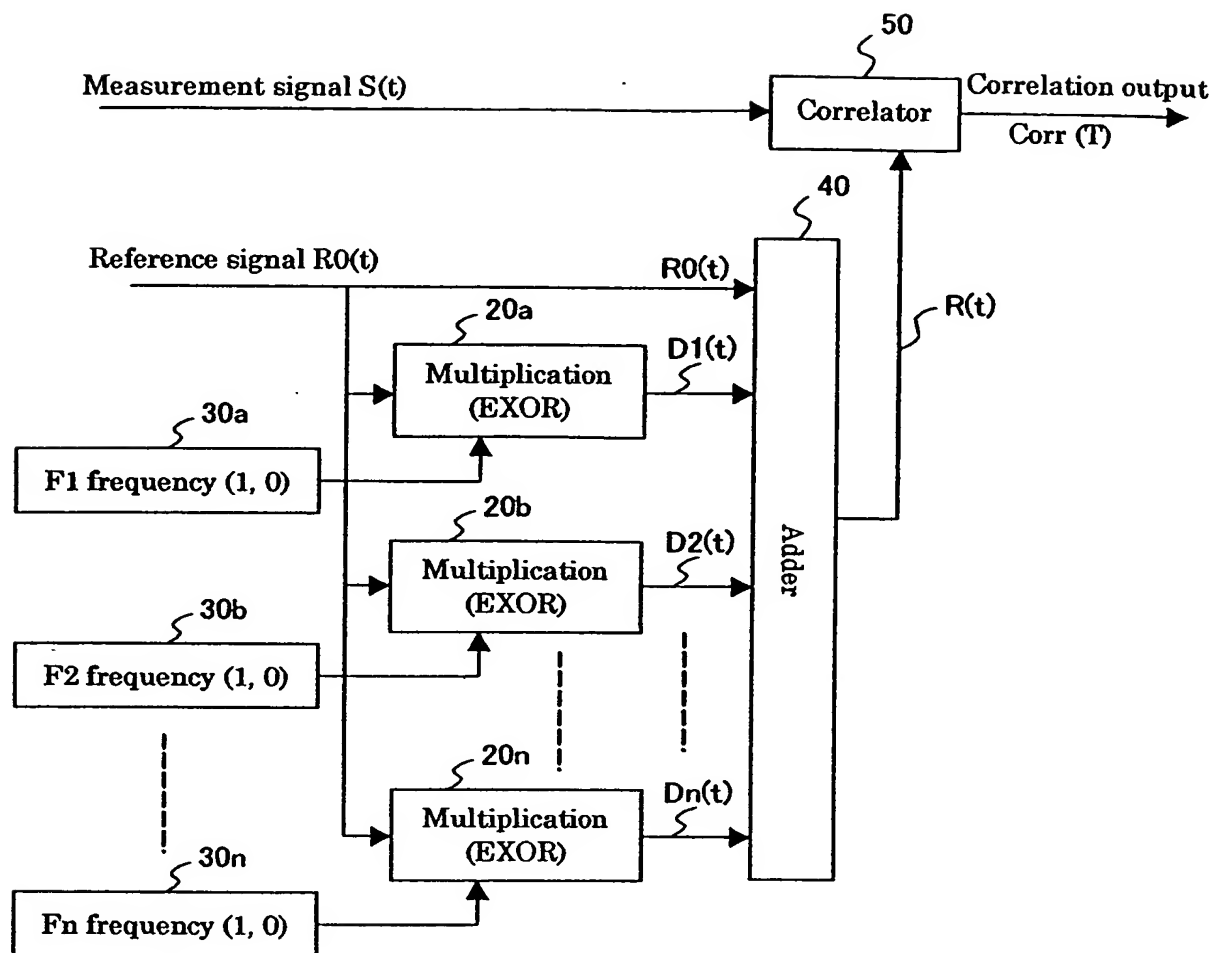


Fig. 9

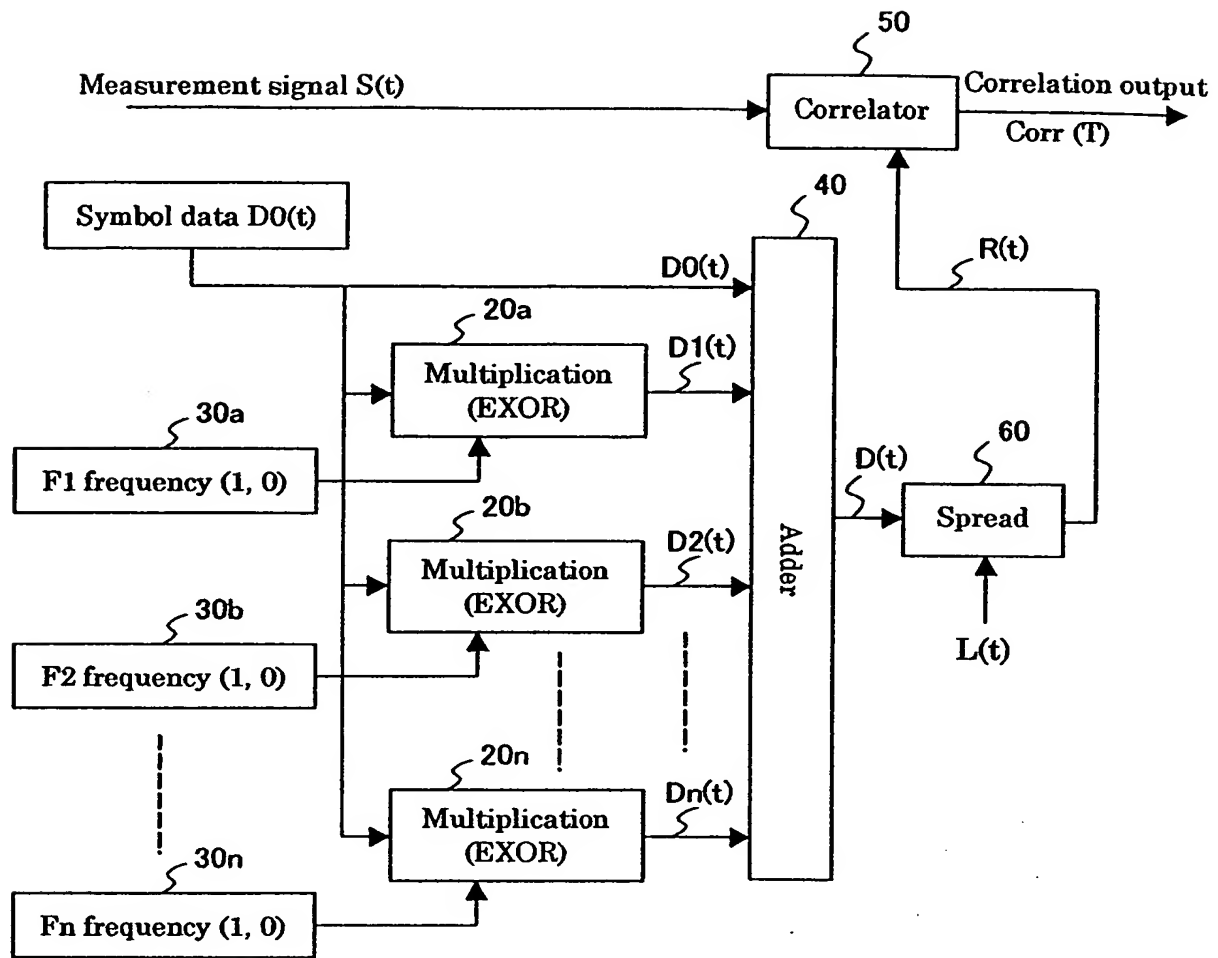
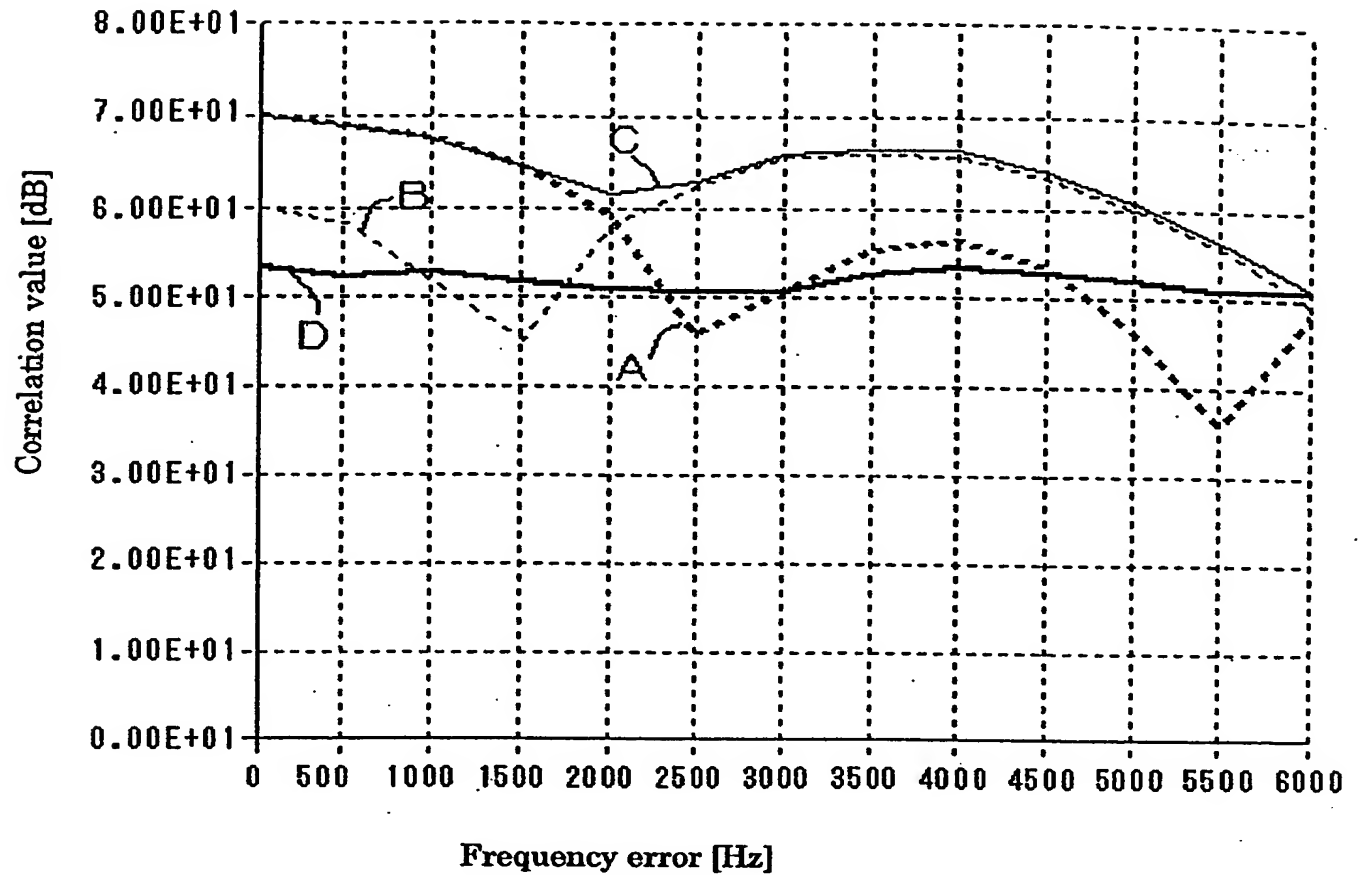


Fig. 10

Frequency Error vs. Correlation Value



- A : Reference signal $R_0(t)$
- B : 4kHz-added reference signal $R_n(t)$
- C : Result of addition of correlation value
- D : Noise

Fig. 11

Frequency Error vs. Noise/Correlation Value Ratio

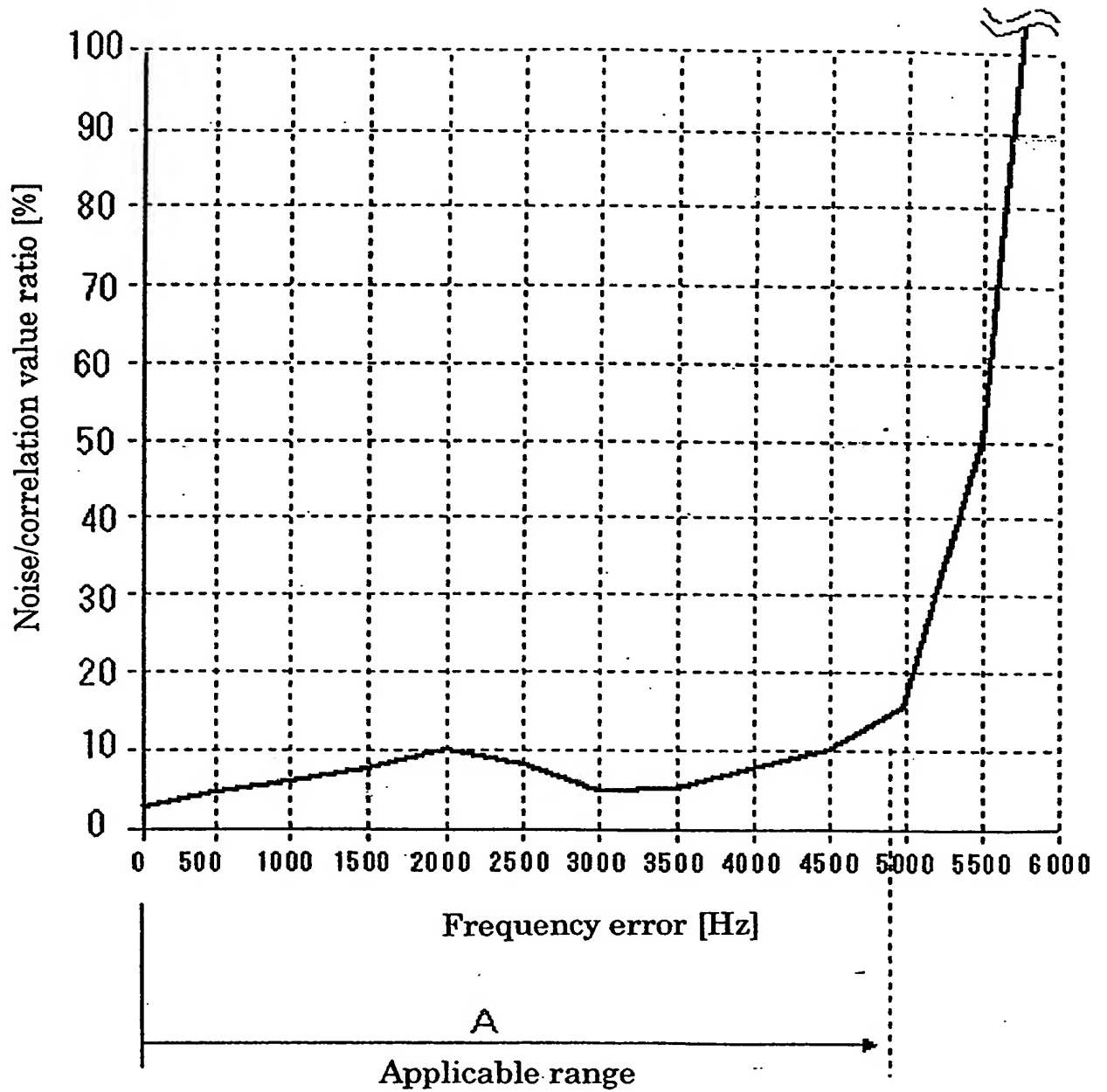
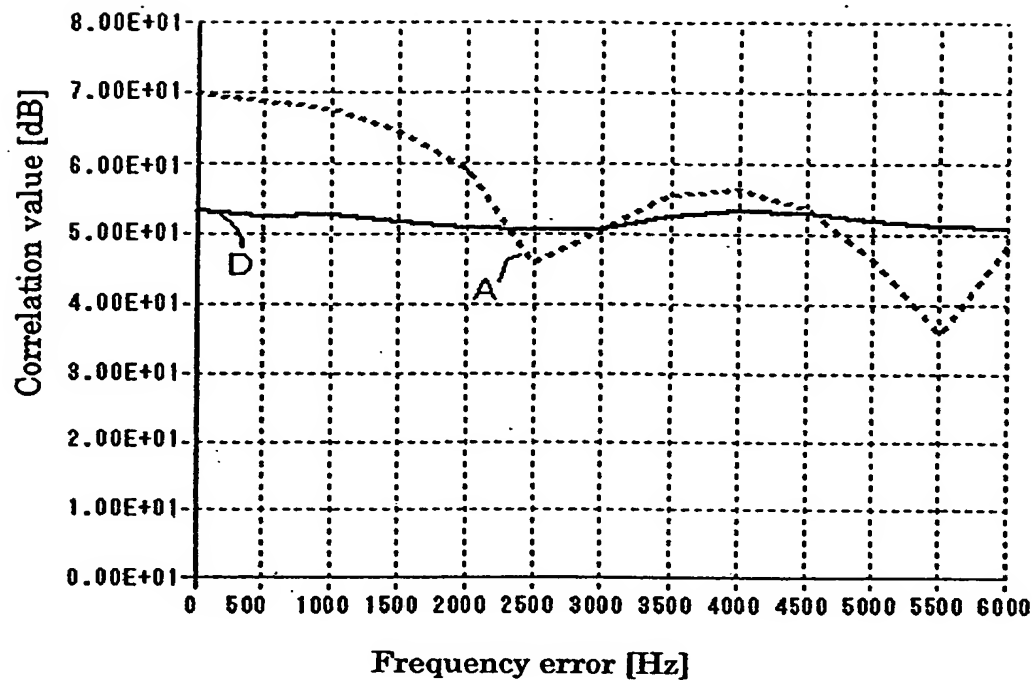


Fig. 12

Frequency Error vs. Correlation Value



A : Reference signal R(t)

D : Noise

Fig. 13

Frequency Error vs. Noise/Correlation Value Ratio

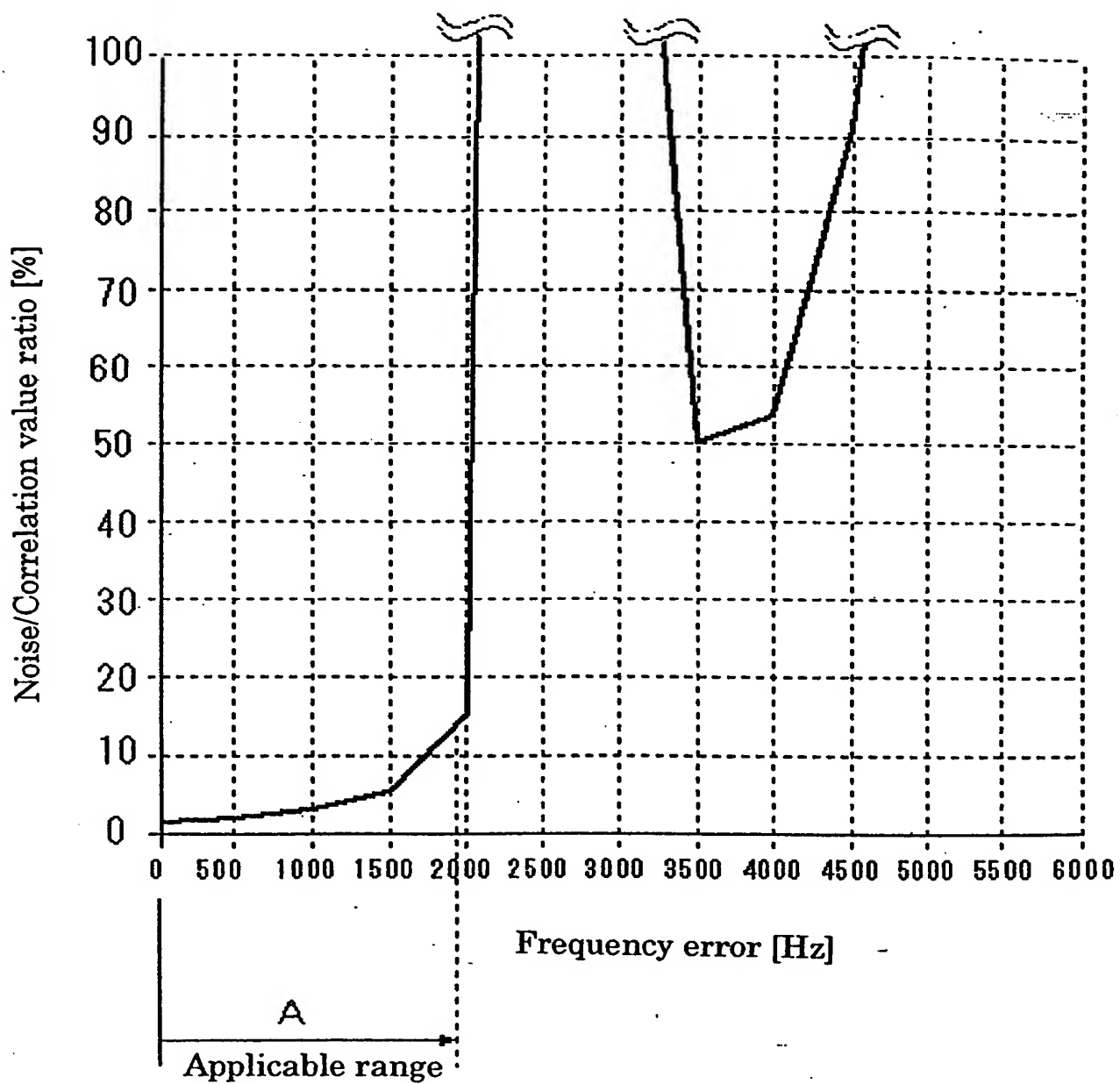


Fig. 14